



012627-023.ST25

SEQUENCE LISTING

<110> Rosl, Frank
Soto, Ubaldo
Coy, Johannes
Finzer, Patrick
Delius, Hajo
Poustka, Annemarie
zur Hausen, Harald
Patzelt, Andrea

<120> Novel Regulatory Sequences of the MCP-1 Gene

<130> 012627-023

<140> US 09/899,276

<141> 2001-07-06

<150> EP 00 114 560.6

<151> 2000-07-06

<160> 12

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 600
<212> DNA
<213> Homo sapiens

<400> 1
taggaaaatt ataggatcat taagaaagga gaaggaagag tgggagcaaa tacctggagg 60
tagaaatggt gatgatgtgt acatcaagca gggagaaaac caatgaacca gatgcgaatt 120
cgggcccaca ccaatgtcaa gggatgacaa ttagaaagga aggttgagtc aagggatttg 180
aatgttaggg tgaaaagtta ctactcaact ctgtaggtta aaaggaaacg ttgagaatct 240
tcagtccaat gaggagggat gtgccatggt tagagattca gagataagtt tcaggaaatg 300
taacttatag attttataca tacacagaga aatacggact agtgagaagc tattgccatg 360
gtccaagcaa gagatgatga aggcctaaat atggagccaa agaggcagca atgaagaatg 420
agccatgcag ggtgaaatgc tgcattgtgt aaatggagga gaaagacctg tgacttcaga 480
tatgaaaacc tcattcttcaa cccacatttt aagggggcag cttccctgaa accagaatgt 540
gtttccctcc attactatac ccccatccca atctcaggca cctggaatca tccatttaaa 600

<210> 2
<211> 200
<212> DNA
<213> Homo sapiens

<400> 2
tgcagctaac ttattttccc ctagctttcc ccagacacct tgttttattt tattataatg 60
aattttgttt gttgatgtga aacattatgc cttaagtaat gttaattctt atttaagtta 120
ttgatgtttt aagtttatct ttcattgtac tagtggtttt tagatacaga gacttgggga 180
aattgctttt cctcttgtag 200

<210> 3
<211> 150
<212> DNA
<213> Homo sapiens

<400> 3
 caaagatcac attctagctc tgaggatatag gcagaagcac tgggatttaa tgagctcttt 60
 ctotttctct gcttgctttt tgctttttcc tcatgactct tttctgctct taagatcaga 120
 ataatccagt tcatacctaaa atgctttttc 150

<210> 4
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 4
 aggttcttat gatgctacta ttctgcattt gaatgagcaa atggatttaa tgcattgtca 60
 gggagccggc caaagcttga gagctccttc ctggctggga ggccccttgg aatgtggcct 120
 gaagtaagc tggcagcgag cctgacatgc tttcatctag tttcctcgct tccttccttt 180
 tctgcagttt tcgcttcaca gaaagcagaa tccttaaaaa taaccctctt agttcacatc 240
 tgtggtcagt 250

<210> 5
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5
 aaggaggagg cagtgggcta ggagaatcga gagatcagaa ttttaaactc agcccagcca 60
 ttaacatgcc tcaagtactc ctatcatatt tgtaagagac aacagttcac tgaaatgaat 120
 tctaaggtct ttgggttttt atcagtggtc ttctgtagtt tctgaggaaa tctaaggcac 180
 aactgaggaa tgaagtcagg ctttccaatt cccgaaatac tcctccactg cttactcatg 240
 tcccttgga attaagaagg aagccaggag catagctgcc ataaccagg atgaacttct 300

<210> 6
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 6
 aaaatataaa aattagccag gcgtgatgtc atgtgcctgt agtcccagct actcgggagg 60
 ctgaggcagg agaacctctt gaatccagga ggcgcaggtt gcagtgaagc gagatagtc 120
 cactgcactc cagcctgggt gacagagtga gactctgtct caaaaaata aaataaaata 180
 aaaaatgcag actgtgattc agcaggtctg gggtgaagcc cagaactctc tgataaatc 240
 aatggcactt aactacttgg aggtcatgga tgcctttgct aatctaatag aagctactga 300

<210> 7
 <211> 650
 <212> DNA
 <213> Homo sapiens

<400> 7
 ggcttgtgcc gagatgttcc cagcacagcc ccatgtgaga gctccctggc tccggggcca 60
 gtatctggaa tgcaggctcc agccaaatgc attctcttct acgggatctg ggaacttcca 120
 aagctgcctc ctcagagtgg gaatttcac tcacttctct cagccagca ctgacctccc 180
 agcgggggag ggcattcttt cttgacagag cagaagtggg aggcagacag ctgtcacttt 240
 ccagaagact ttcttttctg attcataccc ttacacttcc ctgtgtttac tgtctgatat 300
 atgcaaaggc caagtcactt tccagagatg acaactcctt cctgaagtag agacatgctt 360
 ccaacactca gaagcctatg tgaacactca gccagcaaag ctggaagttt ttctctgtga 420
 ccatgggcta attggtctcc ttctctggat tgtggcttat cagataaaaa caagtgagtc 480
 atgccacagg atgtctataa gccatttgat tctgggattc tatgagtgat gctgatatga 540

ctaagccagg agagacttat ttaaagatct cagcatcttt cagcttgta acctagagaa 600
 aaccgaagc atgactggat tataaaggga aattgaatgc ggtccaccaa 650

<210> 8
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Part of 3'-DHSR

<400> 8 20
 ggaaggttga gtcaaggatt

<210> 9
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide

<400> 9 21
 gataaggtga ctcagaaaag g

<210> 10
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide

<400> 10 21
 ggaaggttga gtcaaggat t

<210> 11
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide

<400> 11 21
 cgcttgatga ctcagccgga a

<210> 12
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Oligonucleotide

<400> 12 25
 ttttgattg aagccaatat gataa